

CLAIMS

- 10005563-120507
1. A takeout mechanism for gripping a bottle formed at the
5 blow station of an I.S. machine and removing it from the
blow station and depositing the gripped bottle at a
deposit location, wherein the bottle has an upper neck
portion and a lower body portion comprising
a takeout head assembly including gripper means
10 for gripping a bottle,
a takeout arm for supporting said takeout head
assembly,
support means for supporting said takeout arm
for displacement between a pick-up position and the
15 deposit position,
first displacement means for displacing said
takeout arm between said pick-up and deposit positions,
said takeout head assembly further comprising a
cooling tube selectively displaceable between an up
20 position and a down position, and
second displacement means for displacing said
cooling tube from the up position down to the down
position and then back up to the up position,
an air deflector having an annular, concave
25 surface terminating at the top with a vertically extending
post for deflecting air flowing down the cooling tube
uniformly radially outwardly and
a supporting frame for supporting said air
deflector proximate the bottom of said cooling tube.
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2. A takeout mechanism according to claim 1, wherein the
bottom of said cooling tube has an annular recess and said
supporting frame includes an annular flange to be press
fit into the annular recess and a plurality of struts
35 connecting the top of the vertically extending post to
said annular flange.